CD Stereo Radio Recorder

Service
Service
Service

AZ1140
AZ1141
AZ1142
AZ1143
AZ1145
all versions

Service Manual

COMPACT disc DIGITAL AUDIO

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Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

CLASS 1
LASER PRODUCT

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PCS 104 409

PHILIPS

TECHNICAL SPECIFICATIONS

GENERAL

Mains voltage	-/00	:	230 V
	-/01/11/16	:	120/230 V
	-/05/10	:	240 V
	-/17	:	120 V
Mains frequency	-/00/05/10	:	50 Hz
	-/01/11/16	:	50 / 60 Hz
	-/17	:	60 Hz
Battery	mains	:	9 V (R14 x 6)
	Remote	:	3V (R03 x 2)
Power consumption	normal	:	10 W
	standby	:	2 W
Dimension (W x H x D)		:	290 x 152 x 253 mm
Weight		:	2.6 Kg

AMPLIFIER

Output power	mains	:	2 x 1.6 W
	battery	:	2 x 2 W
Speaker impedance		:	2 x 4 ohm
Frequency response		:	100 Hz - 8 kHz (±3dB)

TUNER - FM SECTION

Tuning range	:	87.5 - 108 MHz
IF frequency	:	10.7 MHz ± 0.2 MHz
Sensitivity	:	16 dBf at 26dB S/N
Selectivity	:	55 dB at ± 300kHz
IF rejection	:	85 dB
Image rejection	:	40 dB

TUNER - AM SECTION

Tuning range	MW	:	531 - 1602 kHz
	-/17	:	520 - 1730 kHz
	LW	:	153 - 279 kHz
IF frequency		:	450 kHz ± 1 kHz
Sensitivity	MW	:	64 dBu at 26dB S/N
	LW	:	70 dBu at 26dB S/N
Selectivity	MW	:	22dB
	LW	:	29 dB
IF rejection ratio	MW	:	70 dB
	LW	:	70 dB
Image rejection ratio	MW	:	32 dB
	LW	:	35 dB

AUDIO CASSETTE RECORDER

Tape speed accuracy		:	± 3%
Wow & flutter		:	< 0.35 % JIS WTD
Fast wind/rewind C60		:	< 120 sec.
Frequency response	P/B	:	125 – 6.3 kHz
S/N ratio		:	45 dB

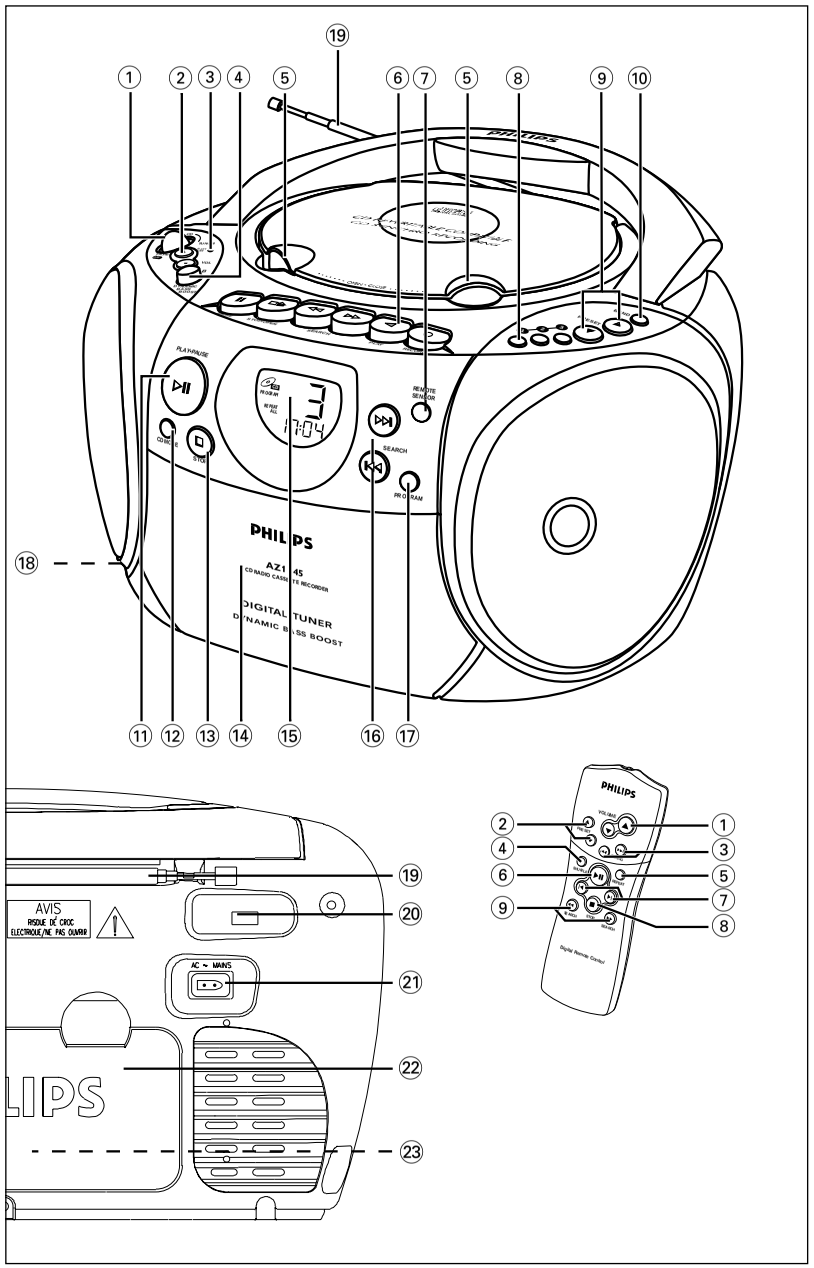
COMPACT DISC

Frequency response		:	100 Hz - 10 kHz
S/N ratio		:	> 50 dB
Channel difference	1 kHz	:	< 3 dB
Channel crosstalk	1 kHz	:	> 26 dB
Laser wavelength		:	780 ± 20nm
Laser light power		:	< 0.3 mW

SERVICE TOOLS

Audio signal disc SBC 429.....4822 397 30184
Playability test disc SBC 444.....4822 397 30245
Test disc 5 (disc without errors) +
Test disc 5A (disc with dropout errors, black spots and fingerprints)
SBC 426/426A.....4822 397 30096
Burn in test disc (65 min. 1kHz signal at -30 dB level without “pause”).....4822 397 30155

Universal test cassette Fe SBC 420.....4822 397 30071



TOP AND FRONT PANELS

① **POWER slider** - selects the sound source for CD/ TUNER/ TAPE OFF and also switches the set off

② **VOL +, –** - adjusts the volume level

③ **BATT LOW** - indicates when battery power is running low

④ **DBB (Dynamic Bass Boost)** - enhances the bass

⑤ **OPEN•CLOSE** - opens/ closes the CD door

⑥ **CASSETTE RECORDER keys**
RECORD ● - starts recording
PLAY ◄ - starts playback
SEARCH ◄◄/ ►► - fast winds/rewinds the tape
STOP•OPEN ■▲ - stops the tape;
- opens the cassette compartment
PAUSE II - interrupts recording or playback

⑦ **Remote sensor** - infrared sensor for the remote control

⑧ **1-3** - programmes and selects your favourite three radio stations

⑨ **PRESET ▲, ▼** - (down, up) selects preset tuner stations

⑩ **BAND** - selects waveband

⑪ **PLAY PAUSE ►II** - starts /pauses CD playback

⑫ **CD MODE** - selects a different play mode e.g. SHUFFLE/ REPEAT CD tracks or programme in random /repeated order

⑬ **STOP ■** - stops CD playback or erase a CD programme;
activates/ deactivates display demo mode.

⑭ **Cassette door**

⑮ **Display** - shows the status of the set

⑯ **SEARCH ⏮/ ⏭**
Tuner: (down, up) tunes radio stations.
CD: - searches back and forward within a track;
- skips to the beginning of a current track/ previous/ later track

⑰ **PROGRAM** -
Tuner - programmes preset radio stations;
CD - programmes tracks and reviews the programme

BACK PANEL

⑱ 🎧 - 3.5 mm stereo headphone socket

⑲ **Telescopic aerial** - improves FM reception

⑳ **BEAT CUT switch** - eliminates possible whistle tones during MW (AM) recordings

㉑ **AC Mains** - inlet for mains lead

㉒ **Battery compartment** - for six batteries, type **R-14**, **UM-2** or **C-cells**

㉓ **Voltage selector** (located inside the battery compartment. Some versions only) - select the correct local voltage 110/220 V before plugging in the set

REMOTE CONTROL

① **VOLUME ▲,▼** – adjusts volume level

② **PRESET ▲,▼** (up, down) – selects a preset radio station

③ **TUNING ⏮, ⏭** (down, up) – tunes to radio stations

④ **SHUFFLE** – to play CD tracks in random order

⑤ **REPEAT** – repeats a track/ CD programme/ entire CD

⑥ **►II** – starts and pauses CD playback/ interrupts CD playback

⑦ **⏮, ⏭** – skips to the beginning of a current track/ previous/ later track

⑧ **STOP ■** – stops CD playback or erases a CD programme

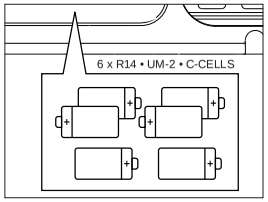
⑨ **SEARCH ◄◄, ►►** – searches backwards or forwards within a track/CD

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

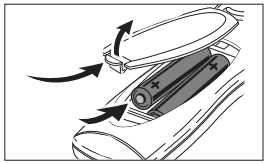
Whenever convenient, use the mains supply if you want to conserve battery life. Make sure you remove the plug from the set and wall socket before inserting batteries.

BATTERIES (OPTIONAL)



1. Open the battery compartment and insert six batteries, type **R-14**, **UM-2** or **C-cells**, (preferably alkaline) with the correct polarity as indicated by the "+" and "-" symbols inside the compartment.

Remote control (supplied)
Open the battery compartment and insert two batteries, type **AAA**, **R03** or **UM4** (preferably alkaline).

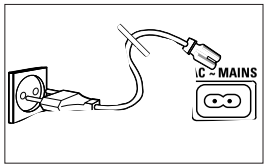


2. Replace the compartment door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.
– If **BATT LOW** lights up, battery power is running low.
  – The **BATT LOW** indicator eventually goes out if the batteries are too weak.

Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:

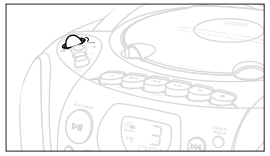
- *Do not mix battery types:* e.g. alkaline with carbon zinc. Only use batteries of the same type for the set.
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time.
- ***Batteries contain chemical substances, so they should be disposed of properly.***

Using AC MAINS



1. Check if the mains voltage ***as shown on the type plate on the base of the set***, corresponds to your local mains supply. If it does not, consult your dealer or service centre.
2. If your set is equipped with a voltage selector, adjust the selector so that it matches with the local mains supply.
3. Connect the mains lead to the wall socket and the set is now ready for use.
4. To disconnect the set from the mains supply completely, remove the plug from the wall socket.

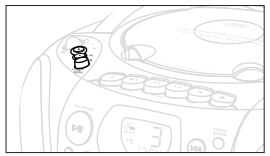
Switching on and off



- Adjust the POWER slider to the desired sound source: **CD**, **TUNER** or **TAPE/OFF**.
- The set is switched off when the POWER slider is in the **TAPE/OFF** position and the keys on the tape deck are released.

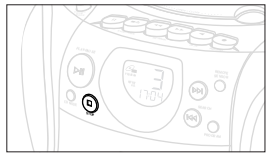
™ The volume and tuner presets will be retained in the set's memory.

Adjusting volume and sound



1. Press the **VOL +**, – controls to increase or decrease VOLUME (or press **3** or **4** on the remote control).
2. Adjust the **DBB** control to select dynamic bass boost on or off.

PHILIPS demo mode



1. On the set, press the CD **STOP 9** button for 5 seconds.
™ **PH..IL ..IPS** scrolls across the display continuously.
2. To return to the current display you can either:

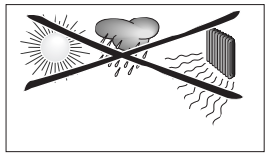
- press any function button on the front panel. This interrupts the demo mode for 30 seconds;
- press the CD **STOP 9** button for 5 seconds. **PH..IL ..IPS** scrolls once before the demo mode is cancelled.

GENERAL INFORMATION

General maintenance

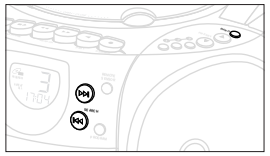
- Do not expose the set, batteries, CDs or cassettes to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- To clean the set, use a soft, slightly dampened chamois leather. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.

Safety information



- Place the set on a hard and flat surface so that the system does not tilt. Make sure there is adequate ventilation to prevent the system from overheating.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

TUNING TO RADIO STATIONS

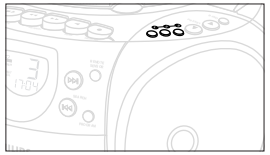


1. Select **TUNER** source.
™ tU is displayed briefly and then the radio station frequency is shown.
2. Press **BAND** once or more to select your waveband.
3. Press **SEARCH** ∞ or § and release when the frequency in the display starts running.
™ The tuner automatically tunes to a station of sufficient reception. Display shows Srch during automatic tuning.
™ If an FM station is received in stereo, **STEREO** is shown.
4. Repeat **step 3** if necessary until you find the desired station.
• To tune to a weak station, press **SEARCH** ∞ or § briefly and repeatedly until you have found optimal reception.
5. Adjust the power slider to **TAPE/OFF** position to switch off the set.

To improve radio reception

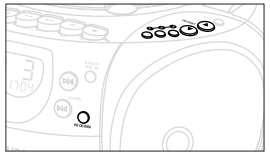
– For ***FM***, pull out the telescopic aerial. Incline and turn the aerial. Reduce its length if the signal is too strong (very close to a transmitter).
– For ***MW (AM)***, the set is provided with a built-in aerial so the telescopic aerial is not needed. Direct the aerial by turning the whole set.

Favourite station selection



For your favourite 3 tuner stations, you can use the easy one-touch programming and selection **1**, **2** or **3** buttons.
1. Tune to your desired station (see **Tuning to radio stations**).
2. To store your station, press **1**, **2** or **3** for 2 seconds or more.
™ Display: shows **PROGRAM** briefly, your favourite preset station number and the tuner frequency.

Programming radio stations

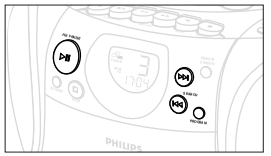


You can store up to a total of 30 radio stations in the memory.
1. Tune to your desired station (see **Tuning to radio stations**).
2. Press **PROGRAM** to activate programming.
– Display: **PROGRAM** flashes.
3. Press **PRESET 4** or **3** once or more to allocate a number from 1 to 30 to this station.
4. Press **PROGRAM** again to confirm the setting.
– Display: **PROGRAM** disappears, the preset number and the frequency of the preset station are shown.
5. Repeat the above four steps to store other stations.
– You can overwrite a preset station by storing another frequency in its place.

Tuning to preset stations

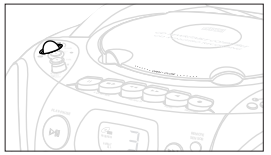
Press **1**, **2**, **3** or **PRESET 4** or **3** until the desired preset station is displayed.

Changing tuning grid *(some versions only)*

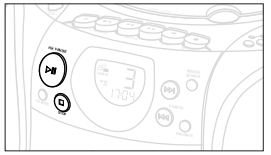


In North and South America the frequency step between adjacent channels in the AM and FM band are **10 KHz** and **100 KHz** respectively. In the rest of the world this step is **9 KHz** and **50 KHz**. Usually the frequency step has been preset in the factory for your area.
1. Check that the set is in the **TAPE/OFF** position and switched off.
2. *To select 9KHz* : press **CD MODE** and **PROGRAM** simultaneously. Release the controls only when you switch on the set.
• *To select 10KHz*: press **CD MODE** and **SEARCH** § simultaneously. Release the controls only when you switch on the set.
™ When tuning to radio stations, the display shows tuning in either steps of **9** or **10**.
™ All preset stations will be affected and you may need to reprogramme your presets.

Playing a CD



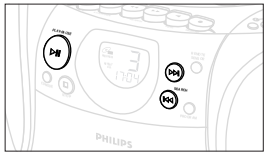
1. Select **CD** source.
™ Cd is displayed briefly.
2. Lift the CD door open.
™ Display: Cd OPEN when you open the CD door.
3. Insert a CD or CD-R(W) with the printed side facing up and close the CD door.
™ Display: d1SC flashes as the CD player scans the contents of a CD. The total number of tracks and playing time are then shown. Display: no dISC is shown if the CD-R(W) is blank or not finalised.



4. Press **PLAY•PAUSE 2 ;** (on the remote control **2 ;**) to start playback.
™ Display: Current track number and elapsed playing time of the track during CD playback.
5. To pause playback press **PLAY•PAUSE 2 ;**.
Press **PLAY•PAUSE 2 ;** again to resume play.
™ The display freezes and the elapsed playing time flashes when playback is paused.
6. To stop CD playback, press **STOP 9**.

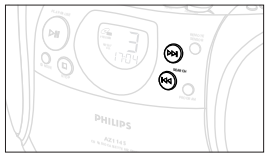
Note: *CD play will also stop when:*
– the CD door is opened;
– the CD has reached the end (unless you have selected REPEAT or REPEAT ALL);
– you select another source: TAPE / TUNER.

Selecting a different track



• Press **SEARCH** ∞ or § (on the remote control ¡ or ™) once or repeatedly until the desired track number appears in the display.
• If you have selected a track number shortly after loading a CD or in the PAUSE position, you will need to press **PLAY•PAUSE 2 ;** to start playback.

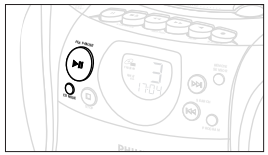
Finding a passage within a track



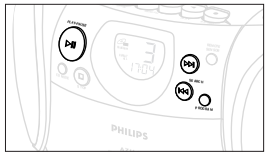
1. Press and hold down **SEARCH** ∞ or § .
™ The CD is played at high speed and low volume.
2. When you recognize the passage you want, release **SEARCH** ∞ or § .
– Normal playback continues.

Note: *During a CD programme or if* **SHUFFLE/ REPEAT** *active, searching is only possible within a track.*

Different play modes: SHUFFLE and REPEAT

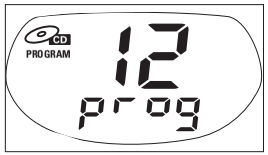


You can select and change the various play modes before or during playback. The play modes can also be combined with PROGRAM.
SHUFFLE - tracks of the entire CD/ programme are played in random order
SHUFFLE and **REPEAT ALL** - to repeat the entire CD/ programme continuously in random order
REPEAT ALL - to repeat the entire CD/ programme
REPEAT - to play the current track continuously



1. To select your play mode, press the **CD MODE** key (or **SHUFFLE** or **REPEAT** on the remote control) before or during playback until the display shows the desired function.
2. Press **PLAY•PAUSE 2 ;** to start playback if in the STOP position.
3. To return to normal playback, press the **CD MODE** key or the respective **SHUFFLE** or **REPEAT** key until the various SHUFFLE / REPEAT modes are no longer displayed.
– *You can also press* **STOP 9** *to cancel your play mode.*

Programming track numbers

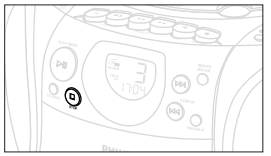


Programme in the STOP position to select and store your CD tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.
1. Use the **SEARCH** ∞ or § on the set (on the remote control ¡ or ™), to select your desired track number.
2. Press **PROGRAM**.
™ Display: **PROGRAM** and the selected track number. prog appears briefly.
™ If you attempt to programme without first selecting a track number, no SEL is shown.
3. Repeat steps **1-2** to select and store all desired tracks.
™ FULL is displayed if you attempt to programme more than 20 tracks.
4. To start playback of your CD programme, press **PLAY•PAUSE 2 ;**.

Reviewing the programme

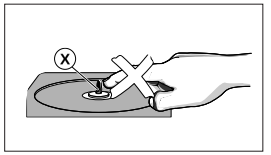
In the STOP position, press and hold down **PROGRAM** for a while until the display shows all your stored track numbers in sequence.

Erasing a programme

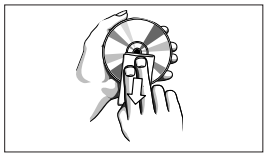


You can erase the programme by:
– pressing **STOP 9** once in the STOP position or twice during playback. The display shows ' no prog ' briefly.
– pressing the CD door open;
– switching to TUNER/TAPE source.

CD player and CD handling

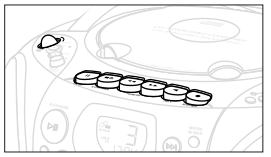


- If the CD player cannot read CDs correctly, use a commonly available cleaning CD to clean the lens before taking the set to repair. Other cleaning methods may destroy the lens.
- The lens of the CD player should *never be touched!*
- Sudden changes in the surrounding temperature can cause condensation to cloud over on the lens of your CD player. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always keep the CD compartment closed to avoid dust on the lens.



- To take a CD out of its box, press the centre spindle while lifting the CD. Always pick up the CD by the edge and return the CD to its box after use to avoid scratching and dust.
- To clean the CD, wipe in a straight line from the centre towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- *Never* write on a CD or attach any stickers to it.

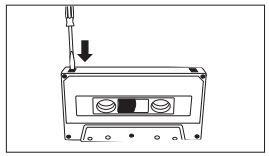
PLAYING A CASSETTE



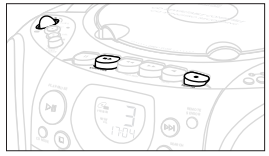
1. Select **TAPE** source.
™ The display shows t APE throughout tape operation.
2. Press **STOP•OPEN 9 /** to open the cassette door.
3. Insert a recorded cassette and close the cassette door.
4. Press **PLAY 1** to start playback.
5. To interrupt playback, press **PAUSE ;**. To resume, press the key again.
8. By pressing **SEARCH 5** or **6** on the set, fast winding of the tape is possible in both directions.
9. To stop the tape, press **STOP•OPEN 9 /** .
– *The keys are automatically released at the end of the tape and the* t APE *indication goes out, except if* **PAUSE ;** *has been activated.*

GENERAL INFORMATION ON RECORDING

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- This deck is not suitable for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes. For recording, use NORMAL type cassettes (IEC I) on which the tabs have not been broken.
- *The best recording level is set automatically*. Altering the **VOL** and **DBB** controls will not affect the recording in progress.
- At the very beginning and end of the tape, no recording will take place during the 7 seconds, when the leader tape passes the recorder heads.
- To protect a tape from accidental erasure, have the tape in front of you and break out the left tab.
  Recording on this side is no longer possible. To record over this side again, cover the tabs with a piece of adhesive tape.



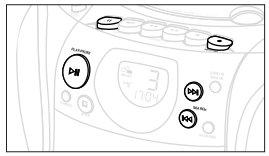
SYNCHRO START CD RECORDING



1. Select **CD** source.
2. Insert a CD and if desired, programme track numbers.
3. Press **STOP•OPEN 9 /** to open the cassette door.
4. Insert a suitable cassette into the cassette deck and close the cassette door.
5. Press **RECORD 0** to start recording.

– Playing of the CD programme starts automatically from the beginning of the programme. *It is not necessary to start the CD player separately.*

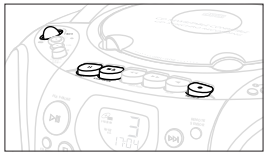
To select and record a particular passage within a track



- Press and hold down **SEARCH ∞** or **§** (or on the remote control **5** or **6**).
- When you recognize the passage you want, release **SEARCH ∞** or **§** (or on the remote control **5** or **6**).
- To pause CD playback press **PLAY/PAUSE 2 ;**.
- Recording will begin from this exact point in the track when you press **RECORD 0**.

6. For brief interruptions during recording press **PAUSE ;**. To resume recording, press **PAUSE ;** again.
7. To stop recording, press **STOP•OPEN 9 /** .

Recording from the radio



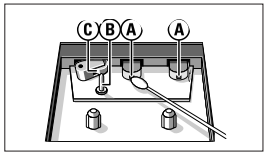
1. Tune to the desired radio station (See **TUNING TO RADIO STATIONS**).
2. Press **STOP•OPEN 9 /** to open the cassette door.
3. Insert a suitable cassette into the cassette deck and close the cassette door.
4. Press **RECORD 0** to start recording.

- If you are recording from MW (AM) stations, adjust the **BEAT CUT** switch to eliminate possible whistle tones during recording.

5. For brief interruptions, press **PAUSE ;**. To resume recording, press **PAUSE ;** again.
6. To stop recording, press **STOP•OPEN 9 /** .

MAINTENANCE

Tape deck maintenance



To ensure quality recording and playback of the tape deck, clean parts A, B and C shown in the diagram below, after approx. 50 hours of operation, or on average once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.

1. Open the cassette door by pressing **STOP•OPEN 9 /** .
2. Press **PLAY 1** and clean the rubber pressure rollers C.
3. Press **PAUSE ;** and clean the magnetic heads A and also the capstan B .
4. After cleaning, press **STOP•OPEN 9 /** .

Note: *Cleaning of the heads can also be done by playing a cleaning cassette through once.*

Environmental information

All unnecessary packaging material has been omitted. We have done our utmost to make the packaging easy to separate into three mono-materials: cardboard (box), expandable polystyrene (buffer), polyethylene (bags, protective foam).

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

If a fault occurs, first check the points listed below before taking the set for repair.
If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

WARNING: ***Do not open the set as there is a risk of electric shock. Under no circumstances should you try to repair the set yourself, as this would invalidate the guarantee.***

PROBLEM
– *POSSIBLE CAUSE*
• *REMEDY*

No sound/power
– *Volume not adjusted*
• *Adjust the volume*
– *Headphones connected*
• *Disconnect headphones*
– *Mains lead not securely connected*
• *Connect the mains lead properly*

Severe radio hum or noise
– *Electrical interference: set too close to TV, VCR or computer*
• *Increase the distance*

Poor radio reception
– *Weak radio signal*
• *FM: Direct the FM telescopic aerial for optimum reception*
• *MW (AM): Turn the set for optimum reception*

no disc or Ed Err indication
– *No CD inserted*
• *Insert a CD*
– *CD badly scratched or dirty*
• *Replace/ clean CD, see CD player and CD handling*
– *Laser lens steamed up,*
• *Wait until lens has cleared*

nF disc indication
– *CD-R(W) is blank or the disc is not finalised*
• *Use a finalised CD-R(W)*
– *CD badly scratched or dirty*
• *Replace/ clean CD, see CD player and CD handling*

The CD skips tracks
– *CD is damaged or dirty*
• *Replace or clean the CD*
– *SHUFFLE or a programme is active*
• *Switch off SHUFFLE/PROGRAM*

Poor cassette sound quality
– *Dust and dirt on the heads, etc.*
• *Clean deck parts etc., see Maintenance*
– *Use of incompatible cassette types (METAL or CHROME)*
• *Only use NORMAL (IEC I) for recording*

Recording does not work
– *Cassette tab(s) may be broken*
• *Apply a piece of adhesive tape over the missing tab space*

Remote control does not function properly
– *Batteries dead/ incorrectly inserted*
• *Insert (fresh) batteries correctly*
– *Distance/ angle between the set too large*
• *Reduce the distance/ angle*

The typeplate is located on the bottom of the set.

ELECTRICAL PARTSLIST - CD99 DA11

- RESISTORS -

4888	482205120008	Jumper
4889	482205120008	Jumper

- COILS & FILTERS -

1810	482224273557	Filter CST8,46MTW-TF01
5803	482215711231	Coil LAN02TB1R0J

- DIODES -

6877	482213011564	Diode UDZ3.9B

- IC & TRANSISTORS -

7800	482220917324	IC SAA7325H
7802	532220911517	IC PC74HCU04T
7803	532213060123	Trans BC807-40
7804	532220982941	IC LM358D
7807	532213042755	Trans BC847C
7808	482220932852	IC TDA7073A/N2
7809	482220932852	IC TDA7073A/N2
7810	482220933165	IC TDA1308T/N1
7875	482213060511	Trans BC847B

- MISCELLANEOUS -

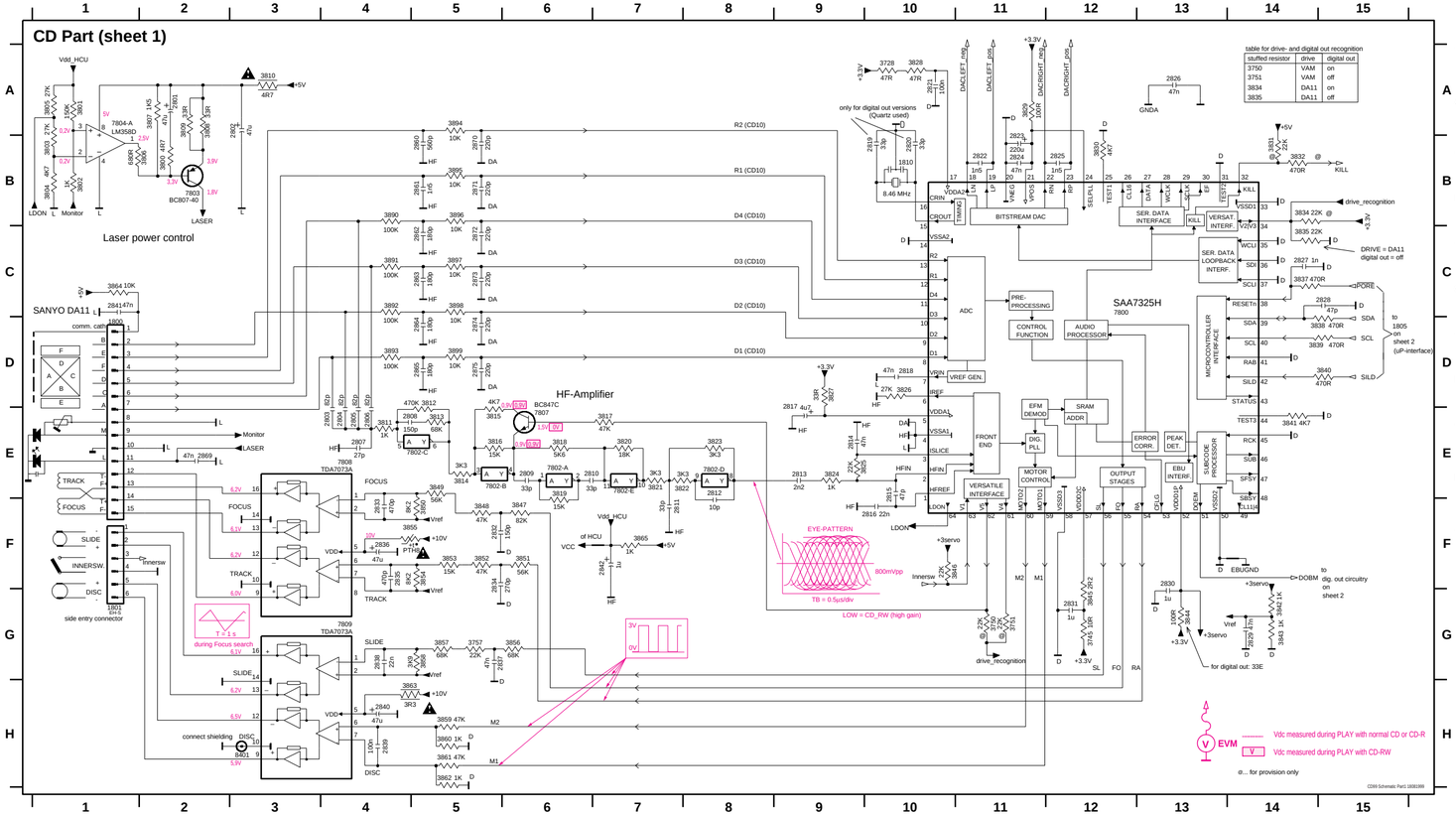
1800	482226510925	Connector 15P
1823	482226511207	Connector 6P
1824	482226511207	Connector 6P
8000	482232012178	Flexible Foil 15P

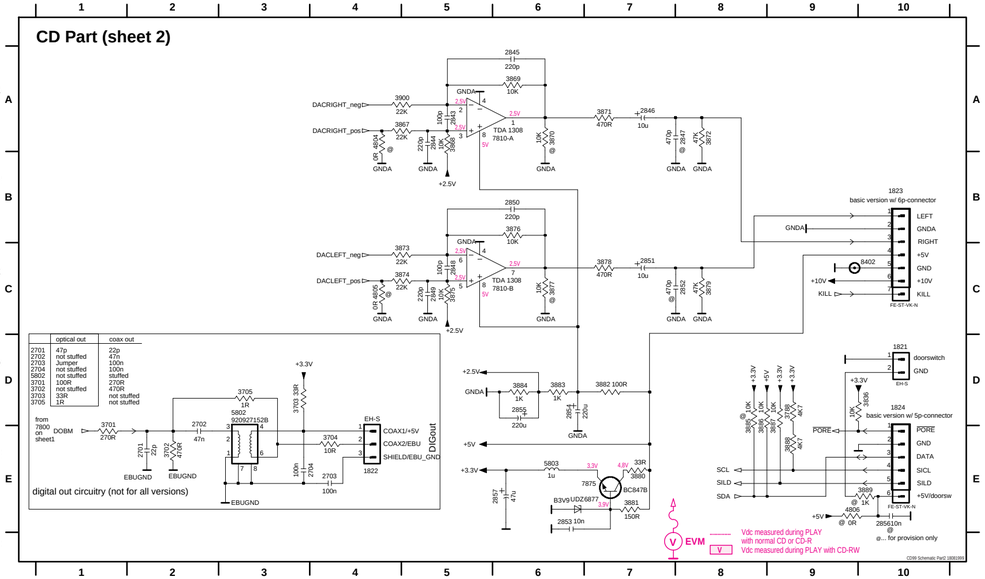
Note : Only these parts mentioned in the list are normal service parts.

CD99 DA11 - CIRCUIT DIAGRAM

1800 D1 1801 G1 2801 A2 2802 A3 2803 E4 2804 E4 2805 E4
2806 E4 2807 E4 2808 E4 2809 E6 2810 E6 2811 F7 2812 E8
2813 E9 2814 E9 2815 E10 2816 F10 2817 D9 2818 D9 2819 B10
2820 B10 2821 B11 2822 B11 2823 B11 2824 B11 2825 B12 2826 A13
2827 C14 2828 C14 2829 G14 2830 F13 2831 G12 2832 F5 2833 F4
2834 F5 2835 F4 2836 F4 2837 G5 2838 G4 2839 H4 2840 H4
2841 C1 2842 F7 2860 B5 2861 B5 2862 C5 2863 C5 2864 D5
2865 D5 2869 E2 2870 B5 2871 B5 2872 C5 2873 C5 2874 D5
2875 D5 3728 A10 3745 G12 3750 G11 3751 G11 3757 G5 3800 B2
3801 A1 3802 B1 3803 B1 3804 B1 3805 A1 3806 B2 3807 A2
3808 A2 3809 A2 3810 A3 3811 E4 3812 D5 3813 E5 3814 E5
3815 E5 3816 E5 3817 E7 3818 E6 3819 E6 3820 E7 3821 E7
3822 E7 3823 E8 3824 E9 3825 E9 3826 D10 3827 D9 3828 A10
3829 A11 3830 B12 3831 B14 3832 B14 3834 B14 3835 C14 3837 C14
3838 D14 3839 D14 3840 D15 3841 E14 3842 G14 3843 G14 3844 G13
3845 G12 3846 F10 3847 F6 3848 F5 3849 E5 3850 F5 3851 F6
3852 F5 3853 F5 3854 F5 3855 F4 3856 G6 3857 G5 3858 G5
3859 H5 3860 H5 3861 H5 3862 H5 3863 H4 3864 C1 3865 F7
3890 B4 3891 C4 3892 C4 3893 D4 3894 A5 3895 B5 3896 B5
3897 C5 3898 C5 3899 D5 7800 D12 7802-A E6 7802-B E5 7802-C E5
7802-D E8 7802-E E7 7802-F F8 7803 B2 7804-A A1 7804-B C3 7807 E6
7808 E4 7809 G4 8401 H3

1821 D10 1822 E4 1823 B10 1824 D10 2701 E2
2702 E2 2703 E4 2704 E3 2843 A5 2844 A5
2845 A6 2846 A7 2847 A8 2848 C5 2849 C5
2850 B6 2851 C7 2852 C8 2853 E6 2854 D6
2855 D6 2856 E10 2857 E6 3701 E1 3702 E2
3703 D3 3704 E4 3705 D3 3738 E9 3836 D10
3867 A5 3868 A5 3869 A6 3870 A6 3871 A7
3872 A8 3873 C5 3874 C5 3875 C5 3876 B6
3877 C6 3878 C7 3879 C8 3880 E7 3881 E7
3882 D7 3883 D6 3884 D6 3885 E8 3886 E8
3887 E9 3888 E9 3889 E10 3900 A5
4805 C4 4806 E9 5802 D3 5803 E6 6877 E7
7810-A A5 7810-B C5 7875 E7 8402 C9





EXPLODED VIEW DIAGRAM - CABINET

SCREW LIST

1. C2 x 10
2. C2 x 12
3. C2.5 x 9.5
4. C3 x 7.5
5. C3 x 8
6. C3 x 9
7. C3 x 10
8. C3 x 12
9. C3 x 34
10. C P/W 2.5 x 16
11. C P/W 3 x 10
12. C P/W 3 x 14